



Please type a plus sign (+) inside this box →

Approved for use through 10/31/2001. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete If Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/696,268</td> </tr> <tr> <td>Filing Date</td> <td>October 29, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Sang Nyun KIM et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1646</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>4084-032129</td> </tr> </table>		Application Number	10/696,268	Filing Date	October 29, 2003	First Named Inventor	Sang Nyun KIM et al.	Group Art Unit	1646	Examiner Name	Not Yet Assigned	Attorney Docket Number	4084-032129
Application Number	10/696,268																
Filing Date	October 29, 2003																
First Named Inventor	Sang Nyun KIM et al.																
Group Art Unit	1646																
Examiner Name	Not Yet Assigned																
Attorney Docket Number	4084-032129																
Sheet	1	of	2														

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Jeffrey E. Russel	Date Considered	December 7, 2004
--------------------	-------------------	-----------------	------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.**

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2001. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			
Sheet	2	of	2
Complete if Known			
Application Number		10/696,268	
Filing Date		October 29, 2003	
First Named Inventor		Sang Nyun KIM et al.	
Group Art Unit		1646	
Examiner Name		Not Yet Assigned	
Attorney Docket Number		4084-032129	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.		
JNL		MAURER et al., "Hair Growth Modulation by Topical Immunophilin Ligands," <u>American Journal of Pathology</u> , 1997, pp. 1433-41, Vol. 150, No. 4.		
JNL		EBERLE et al., "Cyclosporin A: Regioselective Ring Opening and Fragmentation Reactions via Thioamides. A Route to Semisynthetic Cyclosporins," <u>J. Org. Chem.</u> , 1994, pp. 7249-7258, Vol. 59, No. 24.		
JNL		LUTZ, "Effects of Cyclosporin A on Hair," <u>Skin Pharmacol.</u> , 1994, pp. 101-4, Vol. 7.		
JNL		EBERLE et al., "Preparation of [D-Cysteine]-cyclosporin via Intramolecular Sulfur Transfer Reaction," <u>J. Org. Chem.</u> , 1993, pp. 673-677, Vol. 58, No. 3.		
JNL		SEEBACH et al., "Thiocyclosporins: Preparation, Solution and Crystal Structure, and Immunosuppressive Activity," <u>Helv. Chim. Acta</u> , 1991, pp. 1953-1990, Vol. 74.		
JNL		GILHAR et al., "Topical cyclosporine in male pattern alopecia," <u>J. Am. Acad. Dermatol.</u> , 1990, pp. 251-3, Vol. 22, No. 2.		
JNL		GUPTA et al., "Oral cyclosporine for the treatment of alopecia areata," <u>J. Am. Acad. Dermatol.</u> , 1990, pp. 242-50, Vol. 22, No. 2.		
JNL		VON TRABER et al., "Novel Cyclosporins from <i>Tolypocladium inflatum</i> . The Cyclosporins K-Z," <u>Helv. Chim. Acta</u> , 1987, pp. 13-36, Vol. 70.		
JNL		YAMAMOTO et al., "Hair Growth-Stimulating Effects of Cyclosporin A and FK506, Potent Immunosuppressants," <u>Journal of Dermatological Science</u> 7 (Suppl.), 1994, pp. 547-554.		
JNL		BOREL et al., "In Vivo Pharmacological Effects of Ciclosporin and Some Analogues," <u>Advances in Pharmacology</u> , Vol. 35, pp. 145-246, 1996, Exhibit A. <u>Pages 115, 178, 179.</u>		
JNL		PAUS et al., "Hair Growth Control by Immunosuppression," <u>Arch. Dermatol. Res.</u> (1996) 288:408-410 (see in particular Table 1) (Exhibit B)		

Examiner Signature	Jeffrey E. Russell	Date Considered	December 7, 2001
--------------------	--------------------	-----------------	------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.